



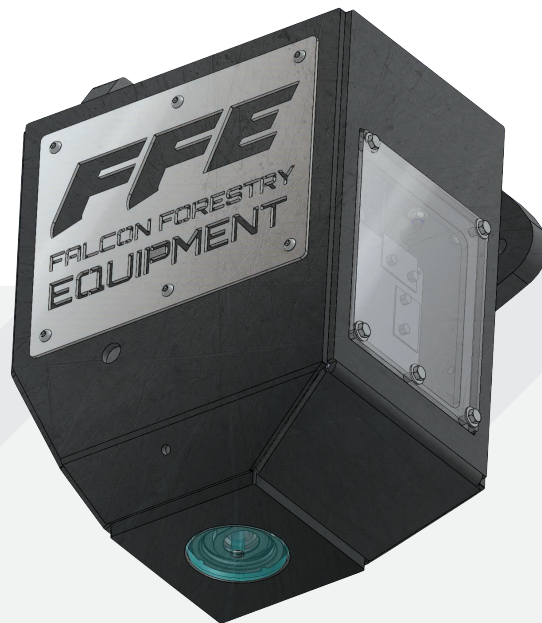
# FALCON HD Grapple Camera System



# See more, haul more

The Falcon HD Grapple Camera System has been developed to provide full visibility and grapple accuracy to improve cycle times and increase overall productivity. Installed and operated in over 50 crews, our camera system can be fitted to any swing yarder grapple system, providing crystal clear vision of your remote logging site. Get your crew off the hill, reduce risk, increase your accuracy and boost efficiency.

Give your swing yarder operator full control with crystal-clear visibility for safe and efficient logging.



## 01 1080 Full HD

Full high definition (HD) camera gives you a super sharp view of your remote work site. Increase your grapple claw accuracy and productivity.

## 03 Extended Battery Life

Two batteries provide up to 20hrs of continuous battery life. Optional in-hauler charger, or just plug into the socket at home.

## 05 Robust Housing

The high tensile steel housing is extremely durable and reliable in rugged logging conditions.

## 02 Low Light Visibility

Operate in any weather conditions, day and night, including low light and poor visibility.

## 04 100° Field of View

Get visibility over the whole area you are operating in.

## 06 Up to 1km Range

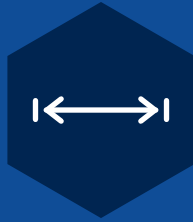
A long transmitting range and zero latency signal keeps your crew well clear of the danger zone.

# Greater operator control

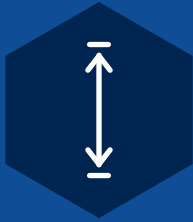
The 19 inch LCD display gives the operator clear visibility and real time information.



GPS Information



Distance from Grapple to Yarder



Altitude +/- from landing



Battery voltage



Accurate Longitude/Latitude readings



## East to install and maintain

The Falcon HD Grapple Camera System comes as a complete assembled unit, which is simple to install and maintain. The purpose-built system includes a heavy duty HD camera and transmitter unit, tower receiver and aerial assembly, two lithium batteries with charging system and a 19" LCD monitor.

## Robust and reliable

The Falcon HD Grapple Camera System is constructed to handle the toughest environments. A portable test unit system helps diagnose any technical issues that may arise during operation and can double as a temporary screen in case of LCD monitor failure to ensure minimal production downtime.

## Maximise your operating hours

The system is designed to run up to 24 hours per day with two lithium rechargeable batteries each having a 20-hour running time, and dedicated 24 volt charging system. The system is designed to be operated in any weather condition – low light, night or poor visibility – adding more hours of productivity in the day.



# Specifications

<b>Dimensions</b>	300mm x 380mm x 210mm
<b>Definition</b>	1080 full HD, excellent low light visibility
<b>Field of view</b>	100 degrees
<b>Range</b>	Up to 1000m (line of sight)
<b>Battery</b>	10Ah 14.4V battery Up to 20hrs continuous battery life
<b>Signal</b>	Multi aerial design for signal robustness Zero latency 5.8GHz transmission
<b>Housing</b>	High tensile bis 80 steel 10mm Marguard IP67 rated components Fully vibration isolated internals Removable internal assembly for easy servicing
<b>Mounting</b>	LH and RH mounting capability Fully adjustable camera position (tool included)
<b>On screen display</b>	Distance, signal strength
<b>Camera Lens</b>	Replaceable 3mm sapphire camera lens

